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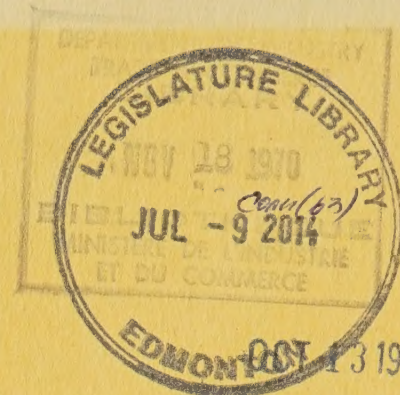
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ALBERTA

BUSINESS

TRENDS



CANADIANA ^{c2}



A PUBLICATION OF THE
ALBERTA BUREAU OF
STATISTICS

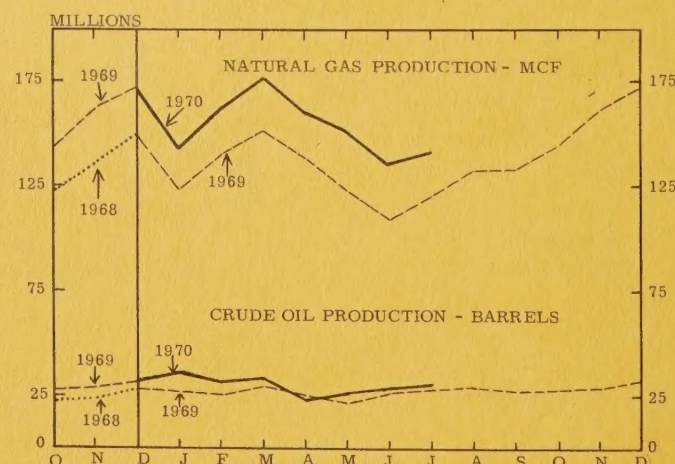
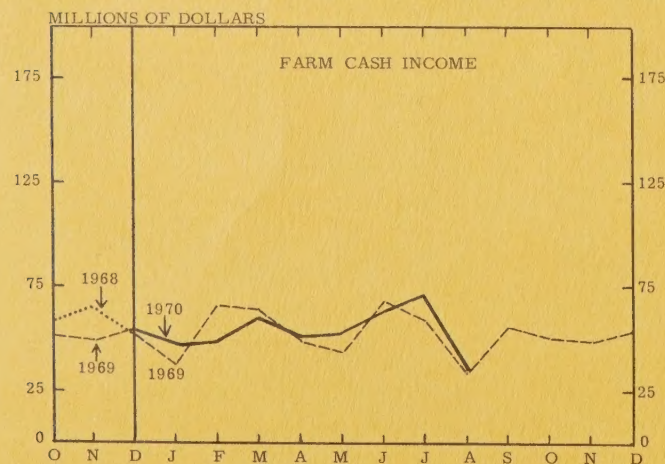
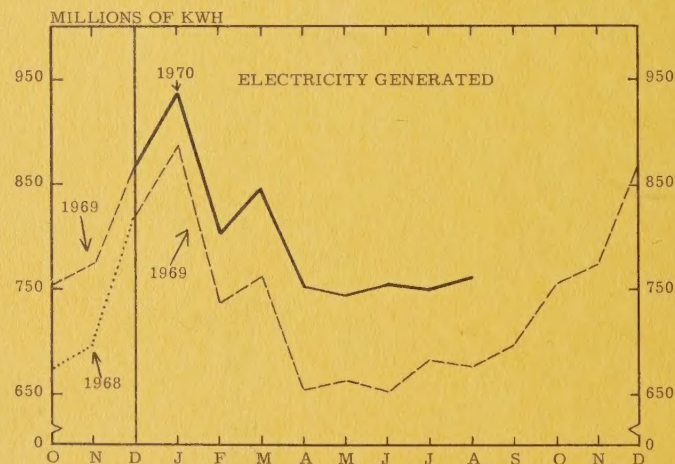
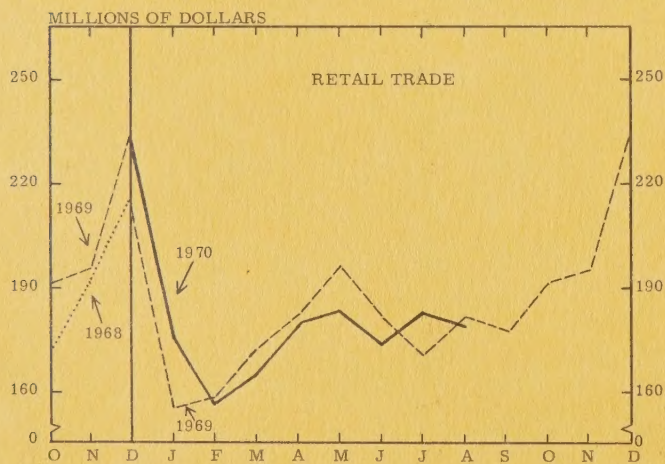
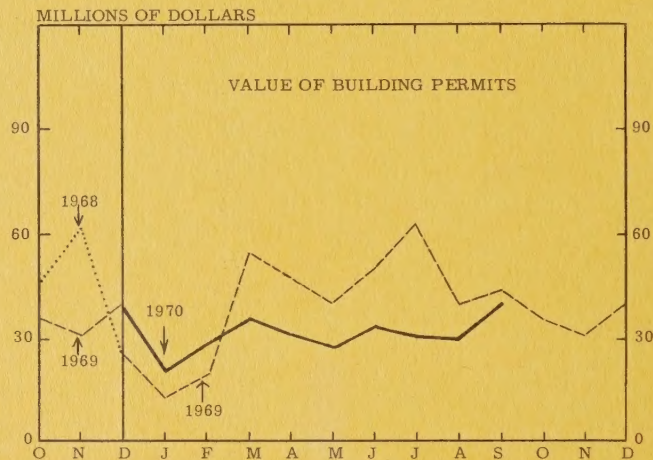
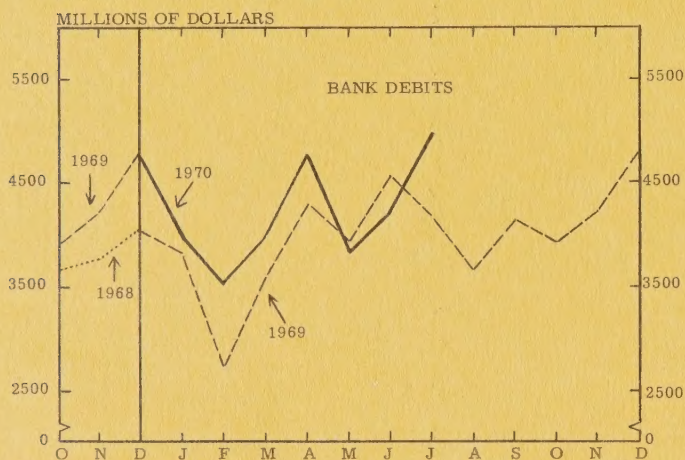
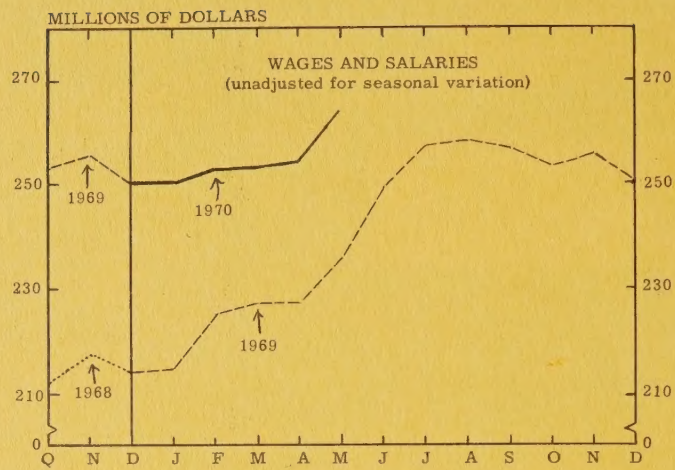
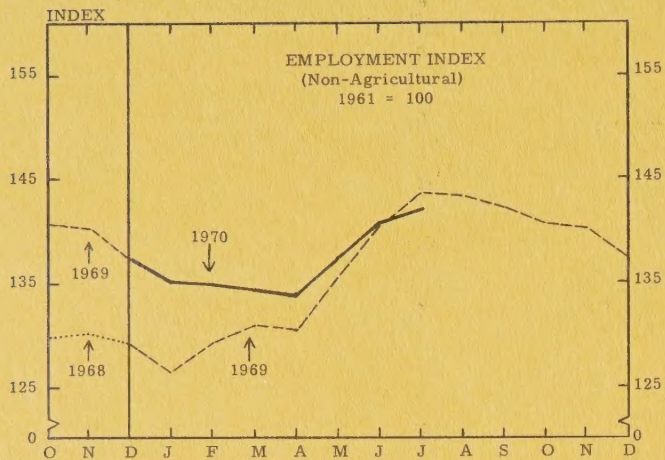
DEPARTMENT OF
INDUSTRY AND TOURISM

GOVERNMENT OF ALBERTA
EDMONTON

HON. R. S. RATZLAFF
MINISTER

R. MARTLAND
DEPUTY MINISTER

OCTOBER
1970



ALBERTA BUSINESS TRENDS

In spite of drastically reduced income from grain sales in the first month of the new crop year, Alberta farmers cash income was higher in August than in the same month last year. The buoyancy of the livestock market plus increased poultry and dairy products sales more than compensated for the decrease in grain sales. As new quotas are set, grain shipments are expected to pick up once again.

The mining industry in the province continues to be the strongest sector of the economy with January - August figures showing increased production in all commodities except salt and increased dollar sales in all commodities except sulphur. The value of coal production during the period increased 68% over 1969, crude oil production was up 16% and natural gas production was 18% greater than in the same period last year.

The value of building permits issued for August was approximately 28% lower than last year. Total value of building permits issued in the first eight months of 1970 was about 27% lower than in the same period last year. However, the number of dwelling starts increased from 949 in July to 1,057 in August indicating some recovery in the construction industry. Loan approvals for new housing increased 17% in the January - August period and the number of approvals for existing housing was almost double that of 1969.

The value of manufacturers' shipments for the January - August period, 1970, at \$1,219 million, was some \$20 million higher than for the same eight months of 1969. Other data suggests that most of the increase was in the output of the Foods and Beverages industry.

Wholesale trade in August was marginally above 1969 levels. Farm machinery and equipment sales showed some improvement although remaining considerably below 1969. Sales of auto supplies, farm supplies, building materials, lumber and millwork, and commercial and construction machinery, equipment and supplies were also down from the previous year.

Retail sales in July increased 6.7% over July 1969 although the January - July cumulative total was slightly lower than in the previous year. The decline was due mainly to a 16% decrease in motor vehicle sales.

The September consumer price index for Calgary - Edmonton increased to 126.1, up 0.3% from the previous month, and 2.5% above its level of a year earlier. The largest increases occurred in the food and the recreation and reading components of the index. The Canada C.P.I. for the month declined slightly.

The number of unemployed persons in September declined to 19,000 from 22,000 the previous month. During the same period the labour force decreased by approximately 31,000. The unemployment rate in September at 2.9% was a full percentage point above the September 1969 rate.

Average weekly wages decreased in June in the manufacturing and mining industries but increased in the construction industry. In all industries average hourly earnings and average weekly wages were above 1969 levels.

Labour income for the first six months of 1970, at \$1,546 million was over 12% higher than in 1969.

ALBERTA FARMERS' CASH INCOME FROM MAJOR SOURCES

Farmers' Cash Income from:		August 1 9 6 9	August 1 9 7 0	Percentage Change	(January - August) 1 9 6 9 1 9 7 0		Percentage Change
Grain Sales	\$'000	2,009	129	-93.6	155,198	143,520	-7.5
Livestock Marketings	\$'000	26,544	28,763	8.4	232,197	246,351	6.1
Poultry Products Sales	\$'000	1,469	1,583	7.8	9,494	9,920	4.5
		(July) 1 9 6 9	(July) 1 9 7 0		(January - July) 1 9 6 9 1 9 7 0		
Dairy Products Sales	\$'000	4,228	4,417	4.5	25,254	26,912	6.6

SHIPMENTS: ALBERTA MANUFACTURING INDUSTRIES

		(July) 1 9 6 9	(July) 1 9 6 9	Percentage Change	(January - July) 1 9 6 9 1 9 7 0		Percentage Change
Oil Refinery Production:							
Motor Gasoline	M bbls.	1,593	1,548	-2.8	10,851	10,307	-5.0
Diesel Fuel Oil	M bbls.	886	827	-6.7	4,677	5,009	7.1
Other	M bbls.	1,103	1,174	6.4	7,547	7,476	-0.9
Total	M bbls.	3,582	3,549	-0.9	23,075	22,792	-1.2
Flour Mills (5 firms)		August 1 9 6 9	August 1 9 7 0		(January - August) 1 9 6 9 1 9 7 0		
Production	M Centals	406	419	3.2	3,325	3,268	-1.7
All mill products shipped	\$'000	2,564	2,288	-10.8	20,057	19,905	-0.8
Creamery Butter Production	M Lbs.	3,302	3,152	-4.5	21,289	21,178	-0.5
	\$'000	2,138	2,041	-4.5	13,785	13,713	-0.5
Cheddar Cheese Production	M Lbs.	320	351	9.7	1,889	2,362	25.0
	\$'000	144	158	9.7	850	1,063	25.1
Ice Cream Production	M Lbs.	600	595	-0.8	3,907	4,133	5.8
	\$'000	900	922	2.4	5,861	6,406	9.3
Packing Plants							
Gross Sales	\$'000	35,588	39,418	10.8	262,486*	289,534*	10.3
Production	M Lbs.	56,024	68,110	21.6	454,433	493,667*	8.6
	\$'000	25,059	27,196	8.5	192,796	214,685*	11.4
Exports	M Lbs.	37,417	43,681	16.7	284,226*	311,322*	9.5
	\$'000	17,217	18,623	8.2	127,511*	141,878*	11.3
Sawmill Production							
Lumber	M ft. BM	23,433	16,000	-31.7	332,148*	305,000*	-8.2
	\$'000	1,347	920	-31.7	19,099*	17,538*	-8.2
Lumber Plus Other Products	\$'000	1,855	1,210	-34.8	23,969*	22,377*	-6.6
Cement Production	M Tons	96	103	7.3	589	598	1.5
	\$'000	2,047	2,328	13.7	12,615	13,375	6.0
Brewed Products	M Gal.	1,913	1,913	-	12,778	13,264	3.8
Value of Manufacturing Shipments:							
All Industries	\$'000	159,000	162,300	2.1	1,199,700*	1,219,200*	1.6
Electricity:							
Net Generated	M KWH	678,520	761,108	12.2	5,717,461	6,343,805*	11.0

*Revised

FISHING, FORESTRY, MINING & TRAPPING

		August 1969	August 1970	Percentage Change	January - August 1969 1970		Percentage Change
Coal Production							
Bituminous	M Tons	60	233	-	773	1,609	-
Sub-Bituminous	M Tons	170	261	53.5	1,893	2,419	27.8
	\$'000	580	2,033	-	8,446	14,199	68.1
Salt Production	M Tons	12	7	-41.7	102	62	-39.2
Lime Production	M Tons	6	6	-	47	52	10.6
	\$'000	93	109	17.2	739	1,021	38.2
		July 1969	July 1970		January - July 1969 1970		
Crude Oil							
Condensate, Pentanes Plus							
Production	M Barrels	27,655	31,310	13.2	181,408	210,906	16.3
Value to producer	\$'000	70,776	81,606	15.3	466,549	545,243	16.9
Sales & Exports	M Barrels	27,575	30,906	12.1	180,132	211,228	17.3
Natural Gas							
Production	M. M. C. F.	120,678	142,345	18.0	938,831	1,107,674	18.0
Sales & Exports	M. M. C. F.	86,477	108,780	25.8	714,627	870,096	21.8
Value of Sales	\$'000	13,652	18,473	35.3	110,633	140,912	27.4
Propane							
Production (Gas Plants)							
	M Barrels	1,313	1,536	17.0	9,253	10,889	17.7
Imports	M Barrels	-	-	-	15	17	13.3
Sales	M Barrels	1,056	872	-17.4	9,104	10,414	14.4
	\$'000	1,512	2,035	34.6	11,690	13,920	19.1
Butane							
Production (Gas Plants)							
	M Barrels	816	913	11.9	5,570	6,760	21.4
Imports	M Barrels	2	-	-	25	34	36.0
Sales	M Barrels	718	814	13.4	4,894	6,179	26.3
	\$'000	1,135	1,016	-10.5	6,798	7,889	16.0
Sulphur							
Production	M Long Tons	318	342	7.5	2,074	2,353	13.5
Sales	M Long Tons	200	259	29.5	1,475	1,861	26.2
	\$'000	4,212	2,108	-50.0	41,585	18,147	-56.4
Pulpwood Production	M Cunits	19	8	-57.9	184	194	5.4
		Sept. 1969	Sept. 1970		January - September 1969 1970		
Fur (Wild Life) Pelts	No. M	1	.3	-	574	442	-23.0
	\$'000	6	3	-50.0	1,756	1,585	-9.7
Fishery Production January - March 1969		Lbs.	2,230,095	Value	\$ 511,041		
January - March 1970		Lbs.	10,805,771	Value	1,727,744		

VALUE OF RESIDENTIAL AND NON-RESIDENTIAL - BUILDING PERMITS - ALBERTA

		Residential	Industrial	Commercial	Institutional and Government	Total Value (August)		Cumulative (Jan. - Aug.)	
		1969	1970	1969	1970	1969	1970	1969	1970
		\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000
CENSUS DIVISION	1	104	40	78	61	1,493	282	4,401	5,091
Medicine Hat		36	40	71	61	1,429	208	3,917	4,895
CENSUS DIVISION	2	783	357	443	196	1,255	1,779	11,255	14,646
Lethbridge		558	332	443	-	739	1,333	7,926	11,427
CENSUS DIVISION	3	314	-	36	-	213	350	2,760	1,106
CENSUS DIVISION	4	26	-	-	-	66	26	290	896
CENSUS DIVISION	5	16	-	20	47	13	83	1,135	1,193
Drumheller		14	-	-	25	2	39	914	448
CENSUS DIVISION	6	5,653	78	2,811	2,160	17,213	10,702	135,056	98,488
Calgary		5,477	61	2,806	2,100	12,690	10,443	126,433	94,782
CENSUS DIVISION	7	87	6	6	-	579	99	2,839	3,333
CENSUS DIVISION	8	293	11	91	-	883	394	7,718	6,604
Red Deer		81	11	30	-	518	121	5,037	4,719
CENSUS DIVISION	9	214	-	20	12	78	246	1,441	1,922
CENSUS DIVISION	10	233	3	4	15	609	254	5,695	1,895
Camrose		77	-	3	-	200	80	1,234	541
Lloydminster		38	3	1	15	58	57	2,184	465
CENSUS DIVISION	11	10,739	616	1,778	568	16,777	13,701	143,742	92,126
Edmonton		5,734	611	1,516	212	12,969	8,072	116,108	65,887
Wetaskiwin		9	-	-	70	91	79	1,759	567
CENSUS DIVISION	12	158	-	76	-	304	234	2,803	2,305
CENSUS DIVISION	13	127	-	229	-	344	356	1,738	1,505
CENSUS DIVISION	14	180	5	9	-	307	194	1,853	2,282
CENSUS DIVISION	15	350	-	247	-	447	597	7,257	6,302
Grande Prairie		148	-	7	-	185	155	2,759	2,235
TOTAL - August		19,275	1,115	5,846	3,059	40,582	29,295		
Jan. - August 1970		123,031*	6,930	51,061	58,670				239,692*
Jan. - August 1969		174,518	12,592	84,404	58,468			329,984	
September 1970 Preliminary						43,824	40,516		

* Revised

Any slight differences between the totals and their components are due to the rounding of the figures.

HOUSING STATISTICS

		(August) 1969	(August) 1970	Percentage Change	(January - August)		Percentage Change
		1969	1970		1969	1970	
Alberta:							
Dwelling Starts	No.	1,764	1,057	-40.1	14,113	7,416	-47.5
Completions	No.	1,296	1,170	-9.7	9,728	11,153	14.6
Loan Approvals							
New Housing	No.	442	598	35.3	4,864	5,695	17.1
Existing Housing	No.	41	88	-	262	514	96.2
Dwelling Starts							
Calgary	No.	763	593	-22.3	6,858	3,566	-48.0
Edmonton	No.	934	412	-55.9	6,690	3,318	-50.4
Completions							
Calgary	No.	564	436	-22.7	4,237	5,215	23.1
Edmonton	No.	617	687	11.3	4,970	5,357	7.8
Under Construction							
Calgary	No.	7,410	4,701	-36.6	-	-	
Edmonton	No.	6,406	3,855	-39.8	-	-	

WHOLESALE AND RETAIL TRADE - TRENDS

	August 1969	August 1970	Percentage Change	(January - August) 1969 1970		Percentage Change
WHOLESALE TRADE	\$'000	\$'000	%	\$'000	\$'000	%
BY TYPES:						
Amusement and Sporting Goods	895	962	7.5	6,828	7,451	9.1
Auto Supplies and Equipment	5,234	5,557	6.2	116,420	107,411	-7.7
Chemicals, Drugs, & Allied Products	2,556	2,633	3.0	30,457	32,761	7.6
Dry Goods, and Apparel	1,044	1,128	8.0	9,667	9,981	3.2
Electric Goods (Household and Industrial)	7,844	6,512	-17.0	78,412	78,488	0.1
Farm Products (Raw Materials)	126	125	-0.8	1,663	1,834	10.3
Farm Supplies	173	135	-22.0	3,236	2,883	-10.9
Tobacco	3,535	3,552	0.5	30,903	32,202	4.2
Furniture and House Furnishings	3,126	3,196	2.2	36,060	37,031	2.7
Groceries and Meats	25,979	27,247	5.0	243,710	274,307	12.6
Hardware	2,712	2,786	2.7	21,653	22,443	3.6
Building Materials (Excluding Lumber)	4,592	3,861	-15.9	32,641	31,813	-2.5
Lumber and Millwork	4,725	3,899	-17.5	43,309	36,807	-15.0
Machinery, Equipment and Supplies (Commercial and Construction)	2,089	1,557	-25.5	21,028	16,655	-20.8
Machinery and Equipment (Farm)	5,084	4,449	-12.5	43,261	27,278	-36.9
Machinery, Equipment and Supplies (Industrial)	2,346	2,377	1.4	35,756	37,286	4.3
Professional Service, Transportation Equipment and Supplies	2,268	2,254	-0.6	22,355	24,354	8.9
Metals and Metal Work	2,854	3,477	21.8	26,648	29,627	11.2
Paper and Paper Products	2,017	2,048	1.5	14,265	15,526	8.8
Petroleum and Petroleum Products	22,008	23,623	7.3	160,149	167,971	4.9
Plumbing and Heating Equipment & Supp.	5,288	5,348	1.1	41,330	41,526	0.5
Miscellaneous	1,114	1,195	7.3	11,141	12,753	14.5
TOTAL	107,610*	107,922*	0.3	1,030,891*	1,048,386*	1.7
BY LOCATIONS:						
Calgary	34,507	33,215	-3.7	330,008	344,832	4.5
Edmonton	41,109	41,496	0.9	365,993	378,888	3.5
Lethbridge	2,640	2,663	0.9	24,381	25,872	6.1
Medicine Hat	640	580	-9.4	8,522	8,631	1.3
Red Deer	1,259	1,183	-6.0	12,047	12,045	-
Smaller Centres	3,712	3,487	-6.1	105,731	96,408	-8.8
No Area Breakdown	23,743	25,298	6.5	184,209	181,710	-1.4
TOTAL	107,610	107,922	0.3	1,030,891	1,048,386	1.7
RETAIL TRADE	(July) 1969	(July) 1970		(January - July) 1969 1970		
	\$'000	\$'000	%	\$'000	\$'000	%
Grocery and Combination Stores	32,970	40,103	21.6	222,779	235,765	5.8
All Other Food Stores	4,977	5,841	17.4	26,888	29,233	8.7
Department Stores	22,494	23,406	4.1	154,327	159,035	3.1
General Merchandise Stores	4,683	4,218	-9.9	34,743	33,117	-4.7
General Stores	8,461	9,081	7.3	59,734	62,237	4.2
Variety Stores	1,222	1,198	-2.0	8,860	8,763	-1.1
Motor Vehicle Dealers	33,802	31,853	-5.8	268,963	225,978	-16.0
Service Stations and Garages	17,922	19,789	10.4	119,743	120,711	0.8
Men's Clothing Stores	1,458	1,472	1.0	13,635	14,395	5.6
Women's Clothing Stores	2,875	3,248	13.0	18,749	19,038	1.5
Family Clothing Stores	1,856	1,909	2.9	10,707	11,329	5.8
Shoe Stores	1,668	1,632	-2.2	10,912	11,560	5.9
Hardware Stores	2,714	2,931	8.0	21,763	23,237	6.8
Furniture, T. V., Radio and Appliance Stores	3,963	3,506	-11.5	28,468	28,963	1.7
Fuel Dealers	448	435	-2.9	5,210	4,848	-7.0
Drug Stores	4,883	4,931	1.0	36,645	38,193	4.2
Jewellery Stores	1,587	1,474	-7.1	10,427	10,422	-
All Other Stores	23,645	26,045	10.2	168,667	181,003	7.3
TOTAL	171,628	183,072	6.7	1,221,220	1,217,827	-0.3
Preliminary (August)	182,706	178,869	-2.1			

(1) The figures may be considered as more indicative of trends of business in the various lines and for the various locations than of total volume of wholesale business

(*) Any slight differences between the totals and their components are due to the rounding of the figures.

GENERAL STATISTICS

		(June) 1969	(June) 1970	Percentage Change	January - June 1969 1970		Percentage Change
Labour Income	\$'000	249,100	270,600	8.6	1,379,300	1,546,300*	12.1
U.S. Residents Entering Alberta	No.	52,679	64,577	22.6	131,647	148,174	12.6
		(July) 1969	(July) 1970		January - July 1969 1970		
Unemployment Insurance							
Benefit Weeks	No.	28,821	60,028	-	468,605	602,068	28.5
Benefit Payments	\$'000	895	2,098	-	14,826	21,552	45.4
Bank Debits							
Calgary	M \$'000	2,273	2,937	29.2	14,377	16,254	13.0
Edmonton	M \$'000	1,771	1,916	8.2	11,800	12,136	2.8
Lethbridge	M \$'000	99	101	2.0	663	692	4.4
Medicine Hat	M \$'000	36	37	2.8	259	267	3.1
TOTAL	M \$'000	4,179	4,991	19.4	27,099	29,349	8.3
Financing of Motor Vehicles:							
Passenger Cars	No.	3,066	2,188	-28.6	18,483	14,614	-20.9
	\$'000	7,435	4,961	-33.3	45,629	34,083	-25.3
Commercial Vehicles	No.	1,162	983	-15.4	6,988	7,661	9.6
	\$'000	5,255	4,001	-23.9	27,735	33,413	20.5
		August 1969	August 1970		January - August 1969 1970		
Social Allowance Payments	\$'000	3,371	4,686	39.0	30,832	37,213	20.7
Restaurant Receipts	\$'000	9,178	9,008	-1.9	68,802	71,066	3.3
Aircraft Movement Statistics: Itinerant							
Calgary International	No.	6,983	7,875	12.8	46,634	50,615	8.5
Edmonton Industrial	No.	8,600	8,289	-3.7	60,410	58,269	-3.5
Edmonton International	No.	2,323	2,340	0.7	15,570	19,034	22.2
Lethbridge International	No.	1,692	1,617	-4.4	12,618	10,602	-16.0
Foreign Vehicles Entering Alberta	No.	27,581	29,242	6.0	95,118	106,370	11.8
Vital Statistics:							
Marriages	No.	1,945	1,696	-12.8	9,550	10,104	5.8
Births	No.	2,376	2,624	10.4	20,702	21,763	5.1
Deaths	No.	863	760	-11.9	6,930	6,790	-2.0
Natural Increase	No.	1,513	1,864	23.2	13,772	14,973	8.7
Life Insurance	\$'000	48,632	54,052	11.1	461,798	486,439	5.3
		(Sept.) 1969	(Sept.) 1970		January - September 1969 1970		
Visitors to National Parks							
Banff	No.	166,211	194,990	17.3	1,933,607	1,987,175	2.8
Elk Island	No.	22,412	26,391	17.8	272,063	283,335	4.1
Jasper	No.	83,514	109,288	30.9	962,349	1,184,046	23.0
Waterton Lakes	No.	32,569	31,028	-4.7	468,458	520,321	11.1
TOTAL	No.	304,706	361,697	18.7	3,636,477	3,974,877	9.3

* Revised

POPULATION (thousands)

June 1 1966	June 1 1967	June 1 1968	June 1 1969	June 1 1970	January 1 1970	April 1 1970	July 1 1970
1,463	1,490	1,526	1,561	1,600	1,584	1,593	1,604

SHIPMENTS OF SPECIFIED COMMODITIES TO ALBERTA

			(July) 1969	(July) 1970	Percentage Change	(January - July) 1969 1970		Percentage Change
Steel Bars and Shapes, etc. (some comparable items)	Tons		4,283	3,731	-12.9	31,886	26,730	-16.2
Stock and Poultry Feeds	Tons		70,404	75,252	6.9	641,271	668,913	4.3
Stock and Poultry Secondary Feed	Tons		10,722	12,272	14.5	68,835	77,826	13.1
Dog and Cat Feeds	Tons		795	790	-0.6	6,551	6,620	1.1
Stoves: Gas	No.		740	409	-44.7	6,279	4,986	-20.6
Electric	No.		1,612	1,948	20.8	13,091	14,666	12.0
T. V. Sets	No.		3,895	3,258	-16.4	23,887	19,075	-20.1
Radio Phonographs	No.		997	829	-16.9	6,084	4,659	-23.4
Record Players	No.		735	885	20.4	4,966	3,612	-27.3
			August 1969	August 1970		(January - August) 1969 1970		
Asphalt Roofing:								
Asphalt shingles, 210 lbs. & over	Roof sqs.		59,773	54,183	-9.4	305,837	336,914	10.2
Asphalt shingles, less than 210 lbs.	Roof sqs.		375	58	-84.5	2,327	1,104	-52.6
Rag & Asbestos Felt Roll								
Roofings (general)	Roof sqs.		N/A	4,911	-	N/A	24,139	-
coated BUR	Roof sqs.		N/A	4,018	-	N/A	12,279	-
Mineral Surface Rag & Asbestos, Felt Roll								
Roofing & Siding	Roof sqs.		8,177	9,605	17.5	36,815	44,031	19.6
Tar and Asphalt Felts	Tons		664	548	-17.5	4,151	3,430	-17.4
Tar and Asphalt Sheathing (Kraft base)	Tons		69	80	15.9	646	556	-13.9
Tar and Asphalt Sheathing (non-Kraft base)	Tons		10	49	-	84	109	29.8
Roofing Pitch	Tons		19	12	-36.8	84	69	-17.9
Roofing Asphalt	Tons		1,413	1,250	-11.5	10,227	8,571	-16.2
Rigid Insulating Board: (M sq. ft. 1/2" basis)								
Building Board			365	231	-36.8	2,934	2,697	-8.1
Asphalt Sheathing Board			537	623	16.0	4,884	4,996	2.3
Roof Insulation Board			2,646	2,159	-18.4	15,350	14,630	-4.7
Acoustical Tile			109	92	-15.6	1,081	831	-23.1
Other Decorative Board			274	363	32.5	2,957	3,596	21.6
Other Board			93	75	-19.4	596	603	1.2
Total			4,024	3,544	-11.9	27,802	27,353	-1.6
Washing Machines-Automatic	No.		2,143	1,571	-26.7	12,770	11,350	-11.1
Conventional	No.		656	984	50.0	6,893	6,729	-2.4
Clothes Dryers - Electric	No.		1,564	1,418	-9.3	8,895	8,260	-7.1
Gas	No.		480	390	-18.7	2,744	2,126	-22.5
Mechanical Refrigerators	No.		3,279	2,667	-18.7	24,418	24,856	1.8
Home and Farm Freezers	No.		1,242	1,555	25.2	9,208	7,957	-13.6
Farm Implements	\$'000		10,995	9,716	-11.6	53,142	39,634	-25.4
New Motor Vehicles:	No.		5,206	4,535	-12.9	56,027	44,825	-20.0
	\$'000		19,132	16,514	-13.7	211,111	199,339	-5.6
Margarine	M lbs.		1,131	904	-20.1	9,767	10,744	10.0
	\$'000		304	282	-7.2	2,619	3,084	17.8

LABOUR FORCE AND RELATED DATA
(in thousands)

	Population 14 Years of Age and Over			Labour Force					Participation Rate	Unemployment Rate
	Total	Men	Women	Total	Men	Women	Employed	Unemployed		
September 1968	1,019	517	502	607	410	197	593	14	59.6%	2.3%
September 1969	1,052	533	519	630	418	212	618	12	59.9%	1.9%
August 1970	1,085	550	535	680	461	218	657	22	62.7%	3.2%
September 1970	1,088	551	537	649	432	217	629	19	43.9%	2.9%

ESTIMATES OF EMPLOYEES BY INDUSTRY

	May 1968 (^{'000})	May 1969 (^{'000})	April 1970 (^{'000})	May 1970* (^{'000})
Forestry	1.7	1.9	1.4	1.5
Mines, quarries & oil wells	19.2	21.3	22.6	23.3
Manufacturing	49.9	54.0	53.6	54.6
Non-Durables		27.0	27.8	28.4
Durables		22.8	26.3	26.3
Construction	37.0	39.3	35.5	39.6
Building		12.6	11.8	11.0
Special Trade Contractors		15.3	17.6	17.9
Highways, bridges, street & other		9.1	9.9	10.7
Transportation, communication and other utilities	50.4	52.7	50.6	51.9
Transportation		29.7	31.0	29.7
Communication & other utilities		20.7	21.7	22.2
Trade	80.6	84.7	86.3	90.8
Wholesale		27.5	29.9	31.3
Retail		53.2	54.8	59.5
Finance, insurance & real estate	17.7	18.4	19.6	19.9
Community, business and personal services	118.3	156.3	162.4	167.9
Non-commercial sector		67.1	97.2	101.5
Commercial sector		51.2	59.1	66.4
Public Administration & defence	21.1	32.4	33.9	36.2
Grand Total	396.0	461.0	465.9	485.6
* Preliminary				

AVERAGE HOURS & AVERAGE EARNINGS OF HOURLY-RATED WAGE EARNERS

	Average Hours		Average Hourly Earnings		Average Weekly Wages		Wage Earners Reported
	June 1969	June 1970	June 1969	June 1970	June 1969	June 1970	June 1970
	No.	No.	\$	\$	\$	\$	No.
EDMONTON:							
Manufacturing	39.6	39.5	2.84	3.17	112.35	125.40	13,022
Construction	38.6	37.8	3.64	4.36	140.26	164.68	8,367
CALGARY:							
Manufacturing	39.8	39.9	3.03	3.29	120.53	131.18	9,027
Construction	35.9	35.6	3.76	4.28	135.15	152.20	5,823
ALBERTA:							
Mining, Including Milling	40.7	39.7	3.59	3.96	146.35	157.15	6,947
Service Incidental to Mining	40.1	38.9	3.59	3.82	144.07	148.50	3,432
Manufacturing	39.8	39.5	2.89	3.19	115.17	125.92	30,346
Durable Goods	39.6	39.5	2.94	3.20	116.48	126.50	15,157
Non-durable Goods	40.0	39.5	2.85	3.18	113.75	125.35	15,189
Foods and Beverages	39.6	39.8	2.86	3.18	113.11	126.79	7,906
Construction	39.6	39.2	3.56	4.08	140.99	160.00	21,727
Building	36.3	36.3	3.72	4.26	134.95	154.81	12,467
Engineering	46.1	43.2	3.32	3.87	152.82	166.99	9,260
Other Industries							
Hotels and Restaurants	30.3	29.6	1.77	1.86	53.48	55.25	11,669

*Preliminary 1970; Final 1969

EMPLOYMENT INDEXES AND AVERAGE WEEKLY WAGES AND SALARIES

	Employment Index Number (1961=100)			Average Weekly Wages and Salaries			Employees Reported
	Last Pay Period Of			Last Pay Period Of			June 1970 No.
	June 1969	May 1970	June* 1970	June 1969 \$	May 1970 \$	June* 1970 \$	
EDMONTON:							
Manufacturing	127.7	128.2	130.8	122.16	135.33	135.66	19,520
Durable Goods	139.7	141.5	145.5	127.23	137.58	140.92	7,946
Non-Durable Goods	120.8	120.5	122.3	118.81	133.80	132.05	11,574
Construction	162.9	152.5	162.1	143.90	159.90	166.70	10,321
Transportation, Communications and Other Utilities	158.0	158.3	160.9	132.47	144.37	146.27	14,474
Trade	131.5	133.0	133.4	95.97	101.66	103.99	23,207
Wholesale	131.5	132.5	133.4	120.44	128.16	128.83	8,385
Retail	131.4	133.3	133.4	82.35	86.77	89.93	14,822
Finance, Insurance & Real Estate	153.0	158.7	161.3	113.00	115.46	114.41	5,523
Service	201.0	201.2	205.6	78.45	80.51	80.24	14,232
Industrial Composite	147.4	147.4	150.3	112.76	121.32	123.26	88,953
CALGARY:							
Manufacturing	132.5	125.9	127.5	128.72	139.56	140.92	14,700
Durable Goods	170.8	151.5	153.2	128.72	139.47	143.36	6,957
Non-Durable Goods	107.8	109.3	110.8	128.72	139.64	138.73	7,743
Construction	191.7	161.9	167.9	141.09	162.66	158.14	7,349
Transportation, Communication and Other Utilities	127.6	127.3	130.7	126.45	137.08	137.18	11,116
Trade	132.9	132.7	132.5	104.85	108.68	109.76	18,672
Wholesale	126.2	126.3	125.5	131.81	133.72	133.56	7,404
Retail	137.7	137.3	137.6	87.12	92.07	94.13	11,268
Finance, Insurance & Real Estate	161.0	167.5	171.5	111.70	118.57	116.75	6,051
Service	212.5	214.8	220.7	78.90	82.64	84.11	14,782
Industrial Composite	151.2	147.7	150.4	117.79	125.90	126.09	79,018
LETHBRIDGE: Industrial Composite	129.0	130.5	131.0	97.13	103.81	107.03	5,627
MEDICINE HAT: Industrial Composite	106.7	105.6	105.1	106.08	111.75	110.82	3,051
RED DEER: Industrial Composite	159.4	166.7	167.6	102.72	101.98	104.44	2,758
ALBERTA:							
Mining, Including Milling	131.1	132.2	135.9	171.12	180.85	180.27	21,109
Petroleum and Gas Wells	154.0	161.0	163.9	184.91	193.62	192.89	14,184
Services Incidental to Mining	106.1	92.7	98.6	149.23	158.11	159.47	5,257
Manufacturing	132.4	130.3	132.3	123.87	135.61	135.24	46,685
Foods and Beverages	105.2	103.7	107.3	118.30	131.40	130.44	12,438
Meat Processing	110.2	112.5	116.1	129.91	146.23	144.35	4,714
Wood Products	139.8	119.0	127.6	97.18	107.34	109.07	3,993
Printing, Publishing & Allied Industries	124.8	135.3	134.3	123.67	130.18	130.66	2,420
Metal Fabricating Industries	160.3	159.9	159.4	135.22	149.90	150.46	4,956
Transportation Equipment	155.1	161.9	157.0	116.45	121.79	124.64	3,080
Non-Metallic Mineral Products	121.8	106.8	109.2	134.91	147.35	150.16	3,242
Chemicals and Chemical Products	139.4	137.0	137.2	150.39	172.59	162.78	2,693
Construction	154.4	144.2	153.5	144.65	160.13	162.96	26,669
Building	168.1	146.1	148.1	138.71	155.74	158.28	15,437
Engineering	133.8	141.5	161.8	155.86	166.95	169.40	11,232
Transportation, Communication and Other Utilities	125.2	120.8	123.9	129.69	139.48	140.57	47,033
Transportation	116.2	107.8	111.3	132.55	141.69	143.37	25,023
Communication	147.5	152.3	155.1	123.68	131.80	131.09	13,159
Electric Power, Gas and Water	131.4	128.2	131.4	140.02	158.73	159.98	6,637
Trade	132.4	132.6	132.8	99.02	103.52	105.24	52,696
Wholesale	127.4	126.9	127.1	122.65	127.45	127.85	20,173
Retail	135.7	136.3	136.7	84.28	88.66	91.22	32,523
Finance, Insurance and Real Estate	147.5	153.1	155.1	111.39	115.85	115.64	16,299
Service	202.1	197.7	203.6	77.83	81.70	82.19	35,352
Personal Services	194.3	184.1	190.4	63.06	63.10	64.02	17,799
Hotels and Restaurants	207.2	198.5	205.1	61.21	60.82	61.79	15,362
Industrial Composite	140.5	138.0	141.1	118.35	126.63	127.63	247,430
Industrial Composite Alberta - July* 1970	142.0			128.37			

* Preliminary

MEMORANDA

A recent report from the Energy Statistics Section of the Dominion Bureau of Statistics shows the revised 1969 figure for net generation of electric energy is approximately 8,786 million K. W. H. The increase over 1968 amounted to 14.7%, the largest percentage increase of all the provinces. Thermal generation accounted for 84.3% of total generation during the year. In July, 1970 total electric power available in the province was 742 million K. W. H.

The 1967 Census of Manufactures lists 1,803 manufacturing establishments in the province. Of this total 670 firms employed between 1 and 4 persons, 572 firms employed between 5 and 14 persons, 454 firms had from 15 to 99 employees, and 107 firms employed in excess of 100 persons. Total employment in manufacturing amounted to 49,568. Total wages and salaries were \$272,325,000, for an average per capita earnings figure of \$5,494. The value of shipments of goods of own manufacture was \$1,555 million, total value added was \$599 million.

The Canadian Life Insurance Association reports payments to beneficiaries on life insurance death claims of \$14.57 million from January to September, 1969. Total payments in 1968 amounted to \$17.66 million.

During the fiscal year ending March 31, 1970, 4,029 miles of pipelines were licensed in Alberta, an increase of 1,060 miles over the mileage licensed during the previous fiscal year. The total mileage of pipelines licensed in the province at March 31, 1970 was 27,447. Of this total there were 4,686 miles of oil pipelines and 6,878 miles of gas pipelines. The remaining mileage was composed of secondary lines for oil, gas, water and other substances, distribution lines, private lines, and mineral lines.

The number of electric meter registrations in the province as at December 31, 1969 was 499,153.

The number of police personnel reported in the province in 1969 was 2,887 or 1.8 per 1,000 population. Of this total 2,494 represented actual police strength and 393 were cadets and other full-time personnel. The Calgary metropolitan area police strength was 590 and the Edmonton metropolitan area police strength was 695.

Sales of new farm implements, equipment, attachments and repair parts decreased 9.3% to \$84.3 million in 1969 from \$93 million in 1968.

In the 1970 - 1971 crop year there were 535 elevator points in Alberta and 1,584 licensed elevators. Total licensed capacity was 143.4 million bushels. For the 1960 - 1961 crop year total licensed capacity was 134.4 million bushels, the number of elevator points was 582 and the number of licensed elevators was 1,698.

During the 1968 - 1969 school year there were a total of 38 private trade schools in the province employing 85 full time and 47 part-time teachers. Total enrollment amounted to 1,200 students of which 851 were full-time and 349 were part-time students. Hairdressing schools had the largest enrollment (681) followed by business and office practice schools (372).

SEPTEMBER FORECAST OF THE 1970 PRODUCTION OF PRINCIPAL FIELD CROPS IN ALBERTA

	AREA		YIELD PER ACRE		PRODUCTION	
	<u>1969</u> (thousands of acres)	<u>1970</u>	<u>1969</u> (bushels)	<u>1970</u>	<u>1969</u> (thousands of bushels)	<u>1970</u>
Spring Wheat	5,300	2,600	26.4	27.7	140,000	72,000
Oats For Grain	2,000	2,130	51.0	54.9	102,000	117,000
Barley	5,100	4,700	40.0	41.7	204,000	196,000
Fall Rye	133	155	18.8	23.2	2,500	3,600
Spring Rye	47	60	21.3	19.2	1,000	1,150
All Rye	180	215	19.4	22.1	3,500	4,750
Flaxseed	450	700	14.0	15.9	6,300	11,100
Mixed Grains	380	450	42.1	46.7	16,000	21,000
Buckwheat	10	15	15.2	14.1	152	212
Peas, Dry	13	18	27.2	22.2	354	400
Rapeseed	816	1,600	14.3	18.1	11,700	29,000
			(cwt)		(M cwt)	
Potatoes	27	32	166.7	184.4	4,500	5,900
			(Tons)		(M. tons)	
Tame Hay	2,900	3,400	1.37	1.79	4,000	6,100
Sugar Beets	39	37	14.84	14.50	577	535

On the basis of yields indicated at September 15th, production of the major crops in Alberta is as indicated in the above table. With the exception of wheat, barley and sugar beets, 1970 production of all crops is above 1969 production. Due to the "lift" program instituted by the Federal Government, wheat acreage in 1970 was less than half the acreage planted in 1969. Barley and sugar beet acreage was also lower. The largest increase occurred in rapeseed with production almost 2 1/2 times greater than in 1969.

GENERAL CONSUMER PRICE INDEX AND COMPONENT ITEMS
FOR CALGARY - EDMONTON (1961=100)

	<u>General</u> <u>C. P. I.</u>	<u>Food</u>	<u>Housing</u>	<u>Clothing</u>	<u>Transportation</u>	<u>Health</u> <u>Personal</u> <u>Care</u>	<u>Recreation</u> <u>Reading</u>	<u>Tobacco</u> <u>Alcohol</u>
September 1968	118.3	124.7	111.8	121.5	113.7	129.1	123.1	114.3
September 1969	123.0	128.6	116.3	124.7	117.3	137.1	130.6	122.6
August 1970	125.7	130.5	118.9	126.4	121.2	144.0	134.3	124.1
September 1970	126.1	131.2	119.1	126.8	121.5	144.0	134.9	124.1

VALUE ADDED IN GOODS-PRODUCING INDUSTRIES OF ALBERTA
(millions of dollars)

	<u>1965</u>	<u>%</u>	<u>1966</u>	<u>%</u>	<u>1967</u>	<u>%</u>	<u>1968</u>	<u>%</u>	<u>1969</u>	<u>%</u>
Agriculture	511.9	23.0	658.8	25.3	517.2	19.0	581.5	19.6	583.1	18.4
Forestry	6.8	0.3	7.2	0.3	7.6	0.3	6.3	0.2	8.0	0.3
Fisheries	.7	-	.8	-	0.8	-	0.9	-	0.8	-
Trapping	1.9	0.1	1.8	0.1	1.5	0.1	1.7	0.1	1.9	0.1
Mining	690.5	31.0	775.1	29.8	897.1	32.9	1,019.7	34.4	1,098.6	34.6
Electric Power	69.4	3.1	74.2	2.8	77.8	2.8	85.1	2.9	94.6	3.0
Manufacturing	475.3	21.4	527.2	20.3	574.2	21.1	606.0	20.4	644.3	20.3
Construction	470.8	21.1	558.2	21.4	647.2	23.8	665.2	22.4	745.3	23.5
Grand Totals	2,227.3	100.0	2,603.4	100.0	2,723.4	100.0	2,966.6	100.0	3,176.7	100.0

According to the 1968 Survey of Production, the total value added in goods-producing industries was \$3.0 billion. The Alberta Bureau of Statistics estimate of total value added in 1969 is \$3.2 billion.

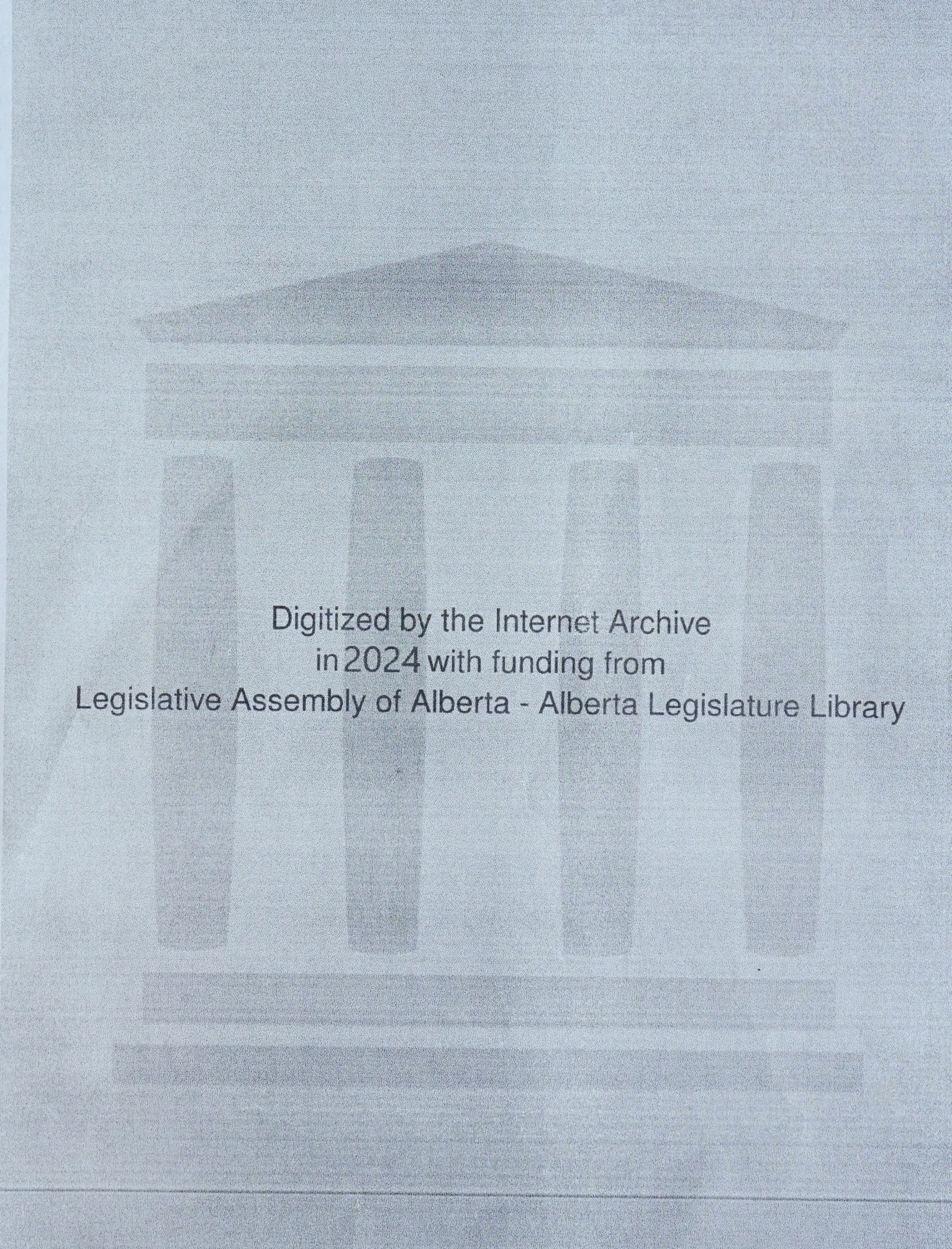
"Value added" figures show the relative contributions of the goods-producing industries to the economy of the province. Over the seven year period 1963 - 1969 the total value added of Alberta industries rose from \$1.9 to \$3.2 billion. In spite of a rise in absolute dollar value the contribution from agriculture declined from 26% to 18% of the total; the contribution from mining rose from 21% to 35%, and of the construction industry from 20% to 24%. All figures are on a current dollar basis and make no adjustments for the distortions which have resulted from inflation.

VALUE OF RETAIL TRADE ALBERTA, BY CENSUS DIVISION
1956, 1961, 1966, 1967, 1968, 1969
(\$'000)

	<u>1956</u>	<u>1961</u>	<u>1966</u>	<u>1967</u>	<u>1968</u>	<u>1969</u>
Alberta	1,075,726	1,272,395	1,758,076	1,929,913	2,127,386	2,323,787
Census Division						
1	28,681	37,403	47,581	49,000	52,512	53,811
2	74,966	81,297	105,479	109,245	120,459	128,698
3	17,676	20,387	25,462	27,061	28,151	32,155
4	8,287	11,013	16,106	16,933	17,289	15,901
5	25,303	28,181	34,559	39,878	40,754	38,094
6	328,226	367,210	492,374	579,236	647,312	726,122
7	20,439	29,737	42,233	43,970	46,760	47,125
8	47,584	69,142	96,656	99,030	105,506	111,835
9	10,963	19,253	24,423	20,816	22,566	24,773
10	36,774	50,986	75,545	73,729	78,949	79,038
11	400,179	431,841	608,604	681,705	763,668	857,563
12	11,609	26,141	43,425	43,052	47,698	49,756
13	17,021	30,590	37,627	38,291	41,593	43,204
14	8,290	14,631	22,730	21,052	21,099	22,961
15	39,727	54,585	85,272	86,915	93,069	92,751

ACKNOWLEDGEMENTS

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